



Docket No.: 0234-0472P  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Tadashi ISHII et al.

Application No.: 10/720,282

Confirmation No.: 4753

Filed: November 25, 2003

Art Unit: 2831

For: MULTILAYER INSULATED WIRE AND  
TRANSFORMER USING THE SAME

Examiner: W. H. Mayo

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION AFTER FINAL REJECTION)**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an  
Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by  
the Office are listed on the PTO-SB08(s), attached hereto.

II. COPIES

05/10/2005 JADD01 00000084 10720282  
01 FC:1806 180.00 0P

☒ Copies of cited U.S. patents and patent application publications are not included.  
Copies of foreign patent documents and non-patent literature are included.

III. CONCISE EXPLANATION OF THE RELEVANCE

(Check at least one box)

- ☒ a. DOCUMENTS IN THE ENGLISH LANGUAGE - The patents, publications, or other information listed on the attached PTO SB08 are in the English language and therefore, do not require a statement of relevancy.
- ☐ b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE - A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:
- ☒ c. ENGLISH LANGUAGE SEARCH REPORT - An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).
- ☒ d. OTHER - The following additional information is provided for the Examiner's consideration. Only JP-5-12924-A is submitted herewith for consideration. The other six references listed on the enclosed European Search Report were previously submitted to the USPTO on February 8, 2005.

THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d): After the mailing date of a Final Action under § 1.113. See the Statement Under 37 C.F.R. § 1.97(e).

IV. STATEMENT UNDER 37 C.F.R. § 1.97(e)

(check only one box)

The undersigned hereby states that:

- ☐ a. **Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this IDS; or**

- ☒ b. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- ☐ c. No item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- ☐ d. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

V. PAYMENT OF FEES (check one box)

- ☒ The required fee is listed on the attached Fee Transmittal.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

Application No.: 10/720,282

Docket No.: 0234-0472P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: May 9, 2005

Respectfully submitted,

By *mau* (BDO40,06)  
Marc S. Weiner

Registration No.: 32,181

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Attorney for Applicant

Attachment(s):

- ☒ PTO-SB08
- ☒ Documents
- ☒ Foreign Search Report
- ☒ Fee
- ☐ Other:



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |   |                          |                          |
|---|---|----|---|--------------------------|--------------------------|
| <b>Substitute for form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                          |
|   |   |    |   | Application Number       | 10/720,282-Conf. #004753 |
|   |   |    |   | Filing Date              | November 25, 2003        |
|   |   |    |   | First Named Inventor     | Tadashi ISHII            |
|   |   |    |   | Art Unit                 | 2831                     |
|   |   |    |   | Examiner Name            | W. H. Mayo               |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 0234-0472P               |

| U.S. PATENT DOCUMENTS |                          |  |                                   |  |   |
|-----------------------|--------------------------|--|-----------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |  |   |
|                       |                          |  |                                   |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          | BA                       | JP-5-12924-A  | 01-22-1993                        |  |   | √              |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 |                          |   |                |
|                                 |                          |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

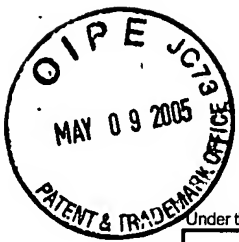
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

Birch, Stewart, Kolasch & Birch, LLP

MSW/ETP/lc

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

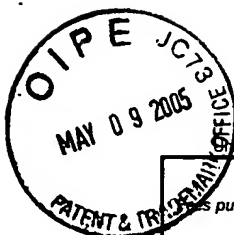
|   |                        |                        |
|---|------------------------|------------------------|
| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/720,282-Conf. #4753 |
|   | Filing Date            | November 25, 2003      |
|   | First Named Inventor   | Tadashi ISHII          |
|   | Art Unit               | 2831                   |
|   | Examiner Name          | W. H. Mayo             |
| Total Number of Pages in This Submission  | Attorney Docket Number | 0234-0472P             |

**ENCLOSURES (Check all that apply)**

|   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input checked="" type="checkbox"/> Fee Attached                          | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/> Other Enclosure(s) (please identify below):                    |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   |   |
| <input checked="" type="checkbox"/> Information Disclosure Statement      | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application    | Remarks   |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                                      |          |        |
|--------------|--------------------------------------|----------|--------|
| Firm Name    | BIRCH, STEWART, KOLASCH & BIRCH, LLP |          |        |
| Signature    |                                      |          |        |
| Printed name | Marc S. Weiner                       |          |        |
| Date         | May 9, 2005                          | Reg. No. | 32,181 |



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|  |  |                          |                        |
|--|--|--------------------------|------------------------|
| <b>FEE TRANSMITTAL</b><br><b>For FY 2005</b>   |  | <b>Complete if Known</b> |                        |
| Effective on 12/08/2004.<br>Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). |  | Application Number       | 10/720,282-Conf. #4753 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                 |  | Filing Date              | November 25, 2003      |
|  |  | First Named Inventor     | Tadashi ISHII          |
|  |  | Examiner Name            | W. H. Mayo             |
|  |  | Art Unit                 | 2831                   |
| <b>TOTAL AMOUNT OF PAYMENT</b>   |  | Attorney Docket No.      | 0234-0472P             |
| (\$)   |  | 180.00                   |                        |

|   |   |
|---|---|
| <b>METHOD OF PAYMENT</b> (check all that apply)   |   |
| <input checked="" type="checkbox"/> Check   | <input type="checkbox"/> Credit Card  |
| <input type="checkbox"/> Money Order  | <input type="checkbox"/> None   |
| <input type="checkbox"/> Other (please identify): _____   |   |
| <input type="checkbox"/> Deposit Account  | Deposit Account Number: <u>02-2448</u>  |
| Deposit Account Name: <u>Birch, Stewart, Kolasch &amp; Birch, LLP</u>   |   |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                |   |
| <input type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |

|   |                     |   |                    |                      |                         |                                  |                              |
|---|---------------------|---|--------------------|----------------------|-------------------------|----------------------------------|------------------------------|
| <b>FEE CALCULATION</b>  |                     |   |                    |                      |                         |                                  |                              |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                     |   |                    |                      |                         |                                  |                              |
|   | <b>FILING FEES</b>  |   | <b>SEARCH FEES</b> |                      | <b>EXAMINATION FEES</b> |                                  |                              |
|   |                     | <b>Small Entity</b>                                     |                    | <b>Small Entity</b>  |                         | <b>Small Entity</b>              |                              |
| <b>Application Type</b>   | <b>Fee (\$)</b>     | <b>Fee (\$)</b>   | <b>Fee (\$)</b>    | <b>Fee (\$)</b>      | <b>Fee (\$)</b>         | <b>Fee (\$)</b>                  | <b>Fees Paid (\$)</b>        |
| Utility   | 300                 | 150   | 500                | 250                  | 200                     | 100                              |                              |
| Design  | 200                 | 100   | 100                | 50                   | 130                     | 65                               |                              |
| Plant   | 200                 | 100   | 300                | 150                  | 160                     | 80                               |                              |
| Reissue   | 300                 | 150   | 500                | 250                  | 600                     | 300                              |                              |
| Provisional   | 200                 | 100   | 0                  | 0                    | 0                       | 0                                |                              |
| <b>2. EXCESS CLAIM FEES</b>   |                     |   |                    |                      |                         |                                  |                              |
| <b>Fee Description</b>  |                     |   |                    |                      |                         | <b>Fee (\$)</b>                  | <b>Small Entity Fee (\$)</b> |
| Each claim over 20 (including Reissues)   |                     |   |                    |                      |                         | 50                               | 25                           |
| Each independent claim over 3 (including Reissues)  |                     |   |                    |                      |                         | 200                              | 100                          |
| Multiple dependent claims   |                     |   |                    |                      |                         | 360                              | 180                          |
| <b>Total Claims</b>   |                     | <b>Extra Claims</b>                                     | <b>Fee (\$)</b>    | <b>Fee Paid (\$)</b> |                         | <b>Multiple Dependent Claims</b> |                              |
| _____ - 20 = _____  |                     | x _____   | = _____            |                      |                         | <b>Fee (\$)</b>                  | <b>Fee Paid (\$)</b>         |
| <b>Indep. Claims</b>  |                     | <b>Extra Claims</b>                                     | <b>Fee (\$)</b>    | <b>Fee Paid (\$)</b> |                         |                                  |                              |
| _____ - 3 = _____   |                     | x _____   | = _____            |                      |                         |                                  |                              |
| <b>3. APPLICATION SIZE FEE</b>  |                     |   |                    |                      |                         |                                  |                              |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                     |   |                    |                      |                         |                                  |                              |
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b>    | <b>Fee Paid (\$)</b> |                         |                                  |                              |
| _____ - 100 = _____   | /50                 | (round up to a whole number) x _____                    | = _____            |                      |                         |                                  |                              |
| <b>4. OTHER FEE(S)</b>  |                     |   |                    |                      |                         |                                  |                              |
| Non-English Specification, \$130 fee (no small entity discount)   |                     |   |                    |                      |                         | <b>Fees Paid (\$)</b>            |                              |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement   |                     |   |                    |                      |                         | 180.00                           |                              |

|                     |                             |                                   |                |
|---------------------|-----------------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                             |                                   |                |
| Signature           | <u>James T. Ellery, Jr.</u> | Registration No. (Attorney/Agent) | 32,181         |
| Name (Print/Type)   | Marc S. Weiner              | Telephone                         | (703) 205-8000 |
|                     |                             | Date                              | May 9, 2005    |